

Title (en)

PAPER TRANSPORTING DEVICE AND IMAGE FORMING DEVICE

Title (de)

VORRICHTUNG ZUM TRANSPORTIEREN VON PAPIER UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE TRANSPORT DE PAPIER ET DISPOSITIF DE FORMATION D'IMAGE

Publication

EP 2962971 A4 20160427 (EN)

Application

EP 14756654 A 20140210

Priority

- JP 2013039048 A 20130228
- JP 2014053046 W 20140210

Abstract (en)

[origin: US2015344249A1] When a distal end of a paper is gripped by a gripper of a chain gripper and transported, the paper is transported while being in sliding contact with a guide surface of a guide plate. On the guide surface of the guide plate, a groove is formed along a traveling route of the gripper, and by a claw member entering the groove, a height of the distal end of the paper gripped by the gripper and a height of the guide surface are matched.

IPC 8 full level

B65H 29/52 (2006.01); **B65H 29/04** (2006.01)

CPC (source: EP US)

B41J 11/002 (2013.01 - EP US); **B41J 11/00214** (2021.01 - EP US); **B41J 11/0085** (2013.01 - EP US); **B41J 13/22** (2013.01 - EP US); **B65H 5/021** (2013.01 - US); **B65H 5/08** (2013.01 - US); **B65H 9/00** (2013.01 - US); **B65H 29/044** (2013.01 - EP US); **B65H 29/52** (2013.01 - EP US); **B65H 37/00** (2013.01 - US); **B65H 43/00** (2013.01 - US); **B65H 2301/44334** (2013.01 - EP US); **B65H 2404/513** (2013.01 - EP US); **B65H 2404/5214** (2013.01 - EP US); **B65H 2404/61** (2013.01 - EP US); **B65H 2406/32** (2013.01 - EP US); **B65H 2406/351** (2013.01 - EP US); **B65H 2801/15** (2013.01 - EP US); **B65H 2801/31** (2013.01 - EP US)

Citation (search report)

- [XII] US 4305331 A 19811215 - COLAPINTO FABIO
- [XAI] US 2005127595 A1 20050616 - HENDLE THOMAS [CH], et al
- [A] EP 0757965 A2 19970212 - HEIDELBERGER DRUCKMASCH AG [DE]
- See references of WO 2014132788A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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